



US Army Corps  
of Engineers  
Memphis District

# Public Notice

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**REPLY TO ATTN:** Tom Skelton  
U.S. Army Corps of Engineers  
167 North Main Street, Room B-202  
Memphis, Tennessee 38103-1894  
Telephone: (901) 544-3468  
Fax (901) 544-3266  
E-Mail: James.T.Skelton@usace.army.mil

**PUBLIC NOTICE NO:**  
MVM-2006-117(ts)

**PUBLIC NOTICE DATE:**  
August 30, 2006

**EXPIRATION DATE:**  
September 29, 2006

**POSTMASTER PLEASE POST UNTIL:**

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## Public Notice Corps of Engineers

**AUTHORITY:** Pursuant to 33 CFR 325, as published in the Federal Register dated November 13, 1986, this notice announces an application submitted for a Department of the Army permit under Section 404 of the Clean Water Act.

**APPLICANT:** Gordon Trafton II, Senior VP Southern Region  
Illinois Central Railroad Company  
17641 S. Ashland Avenue  
Homewood, Illinois 60430  
(708) 332-5470

**AGENT:** Timothy E. Brophy  
Brophy-Heineke & Associates, Inc.  
2978 Shelby Street  
Bartlett, Tennessee 38134-4538  
(901) 373-3289

**LOCATION:** The project is located south of Nonconnah Creek, west of U.S. Highway 61 and north of Peebles Road in Memphis, Shelby County, Tennessee at approximate latitude 35.0724 and longitude -90.0744 on the Southwest Memphis 7.5 minute quadrangle map.

**PURPOSE:** The purpose of the project is to increase the capacity and efficiency of the existing railroad facilities at Johnson Yard.

**DESCRIPTION OF WORK:** The applicant proposes to expand the existing Johnson Railroad Yard. In order to accomplish this the following activities are proposed: 1) encapsulation of 479 linear feet and rip-rap the channel banks and base of 136 linear feet of an unnamed tributary to Nonconnah Creek, 2) encapsulation of 35 linear feet and rip-rap the channel banks and base of 30 linear feet of an unnamed tributary to McKellar Lake, 3) impacts to Cypress Creek for the replacement of two bridges with three new bridges which will include removing the existing timber bends, installing concrete piers and placing rip-rap along approximately 40 linear feet of channel. No wetlands will be impacted by the project. The applicant proposes to mitigate for stream impacts through the Tennessee In-Lieu- Fee Stream Mitigation Program.

**WATER QUALITY CERTIFICATION:** The applicant should contact the Tennessee Department of Environment and Conservation, Division of Water Pollution Control (TDEC) at (615) 532-0713 or TDEC, 7th Floor L. & C. Annex Building, 401 Church Street, Nashville, Tennessee 37243-1534 and request water quality certification. This certification or evidence of this water quality certification or waiver of the right to certify must be submitted prior to issuance of a Corps of Engineers permit. The Department will consider all relative comments in the decision to grant or deny water quality certification for the proposed activity. The Corps of Engineers' evaluation of the impact of the activity on the public interest will include application of the guidelines promulgated by the Administrator, EPA, under authority of Section 404(b) of the Clean Water Act.

**ENDANGERED SPECIES:** No endangered or threatened species, or their critical habitat, are known to exist in the project area. This application is being coordinated with the U.S. Fish and Wildlife Service. Any comments they may have regarding endangered or threatened wildlife or plants, or their critical habitat, will be considered in our evaluation of the described work.

**CULTURAL RESOURCES:** The Memphis District will evaluate information provided by the State Historic Preservation Office, Federally-recognized Tribes, and the public in response to this public notice and we may conduct, or require a survey of the project area. A preliminary in-house records search indicated no sites have been recorded within the project area. However, the lack of recorded sites may be due to lack of cultural surveys around the project area.

**FLOOD PLAIN:** In accordance with 44 CFR Part 60 (Flood Plain Management and Use), participating communities are required to review all proposed development to determine if a flood plain development permit is required. Flood plain administrators should review the proposed public notice and apprise this office of any flood plain development permit requirements.

**PUBLIC INTEREST REVIEW:** The purpose of this public notice is to advise all interested parties of the activities for which a permit is sought and to solicit comments and information necessary to evaluate the probable impact on the public interest.

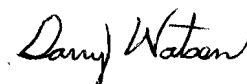
The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefits which reasonably may be expected to accrue from the project must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the project will be considered, including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands historic properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and in general, the needs and welfare of the people.

The Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Federally-recognized Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

**PUBLIC HEARING:** Any person may request, in writing, within the comment period specified in this notice that a public hearing be held to consider this application. Requests for a public hearing shall state, with particularity, the reason for holding a public hearing. The District Engineer will determine if the issues raised are substantial and whether a hearing is needed for making a decision.

**COMMENTS OR REQUEST FOR ADDITIONAL INFORMATION:** If you wish to obtain additional information or to submit comments on the application, please contact Tom Skelton at the U.S. Army Corps of Engineers, 167 North Main Street, Room B-202, Memphis, Tennessee 38103-1894, telephone (901) 544-3468. Copies of all comments, including the names and address of commenters, may be provided to the applicant for consideration and response prior to a decision by the Corps.

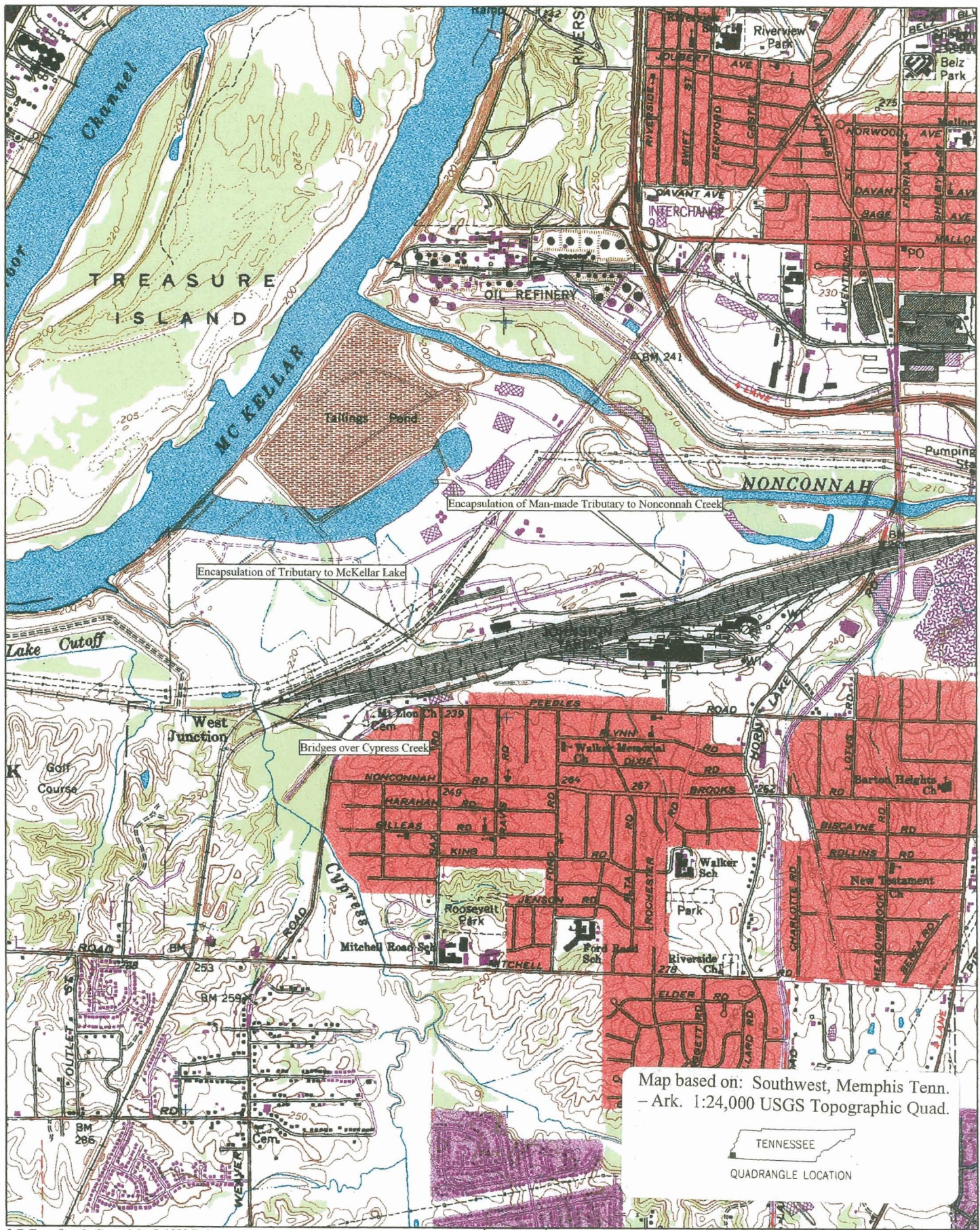
Comments should be received by September 29, 2006.



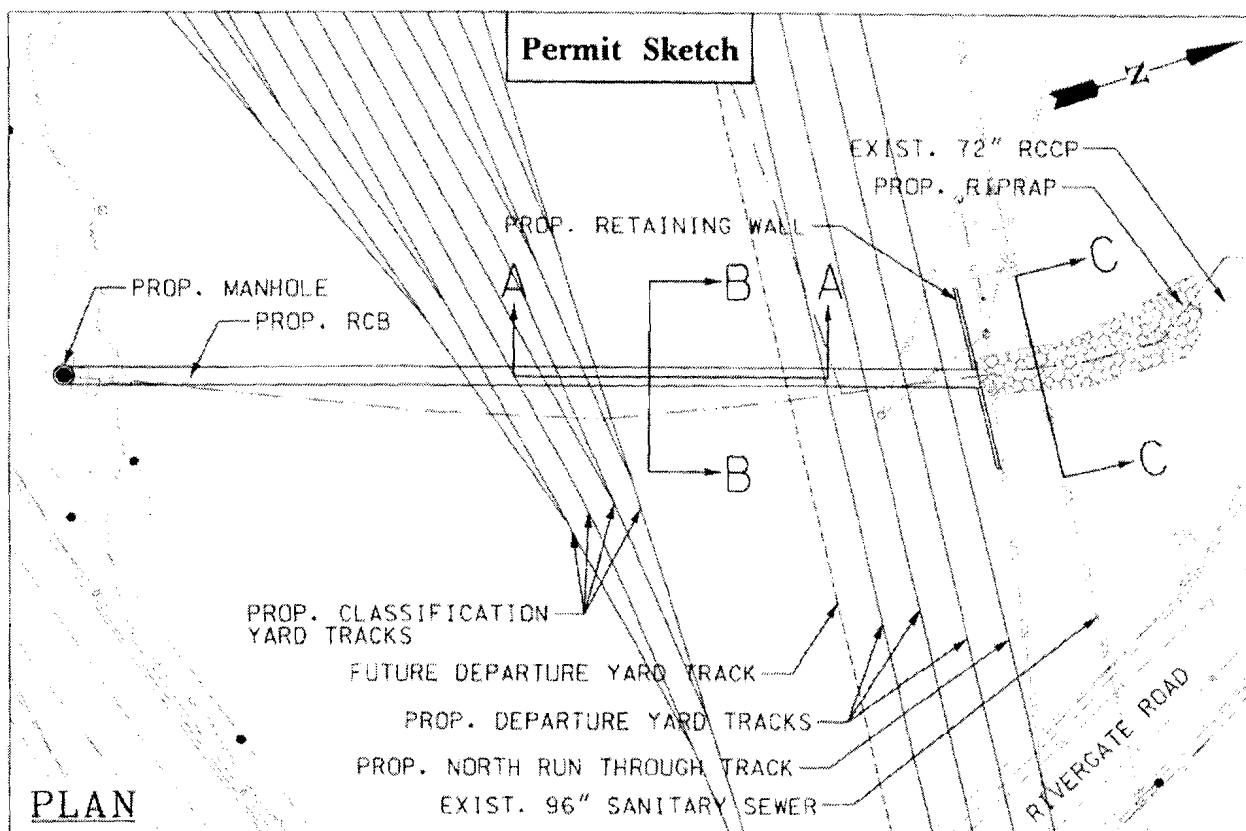
Larry D. Watson  
Chief  
Regulatory Branch

Attachments









— — — STREAM



PROPERTY OWNERS

CN RAILROAD-JOHNSTON YARDS  
2921 HORN LAKE ROAD.  
MEMPHIS, TN 38109

NOTES

- ① EARTHEN FILL MATERIAL TO BE OBTAINED FROM EXCAVATION.
- ② THE CLASSIFICATION YARD TRACKS ARE APPROXIMATELY 32 FT ABOVE THE CHANNEL BOTTOM

PROPOSED:

STREAM IMPACTS	
LENGTH OF ENCAPSULATION	= 479 LF
LENGTH OF RIPRAP	= 136 LF

APPLICATION BY:  
CANADIAN NATIONAL RAILWAY

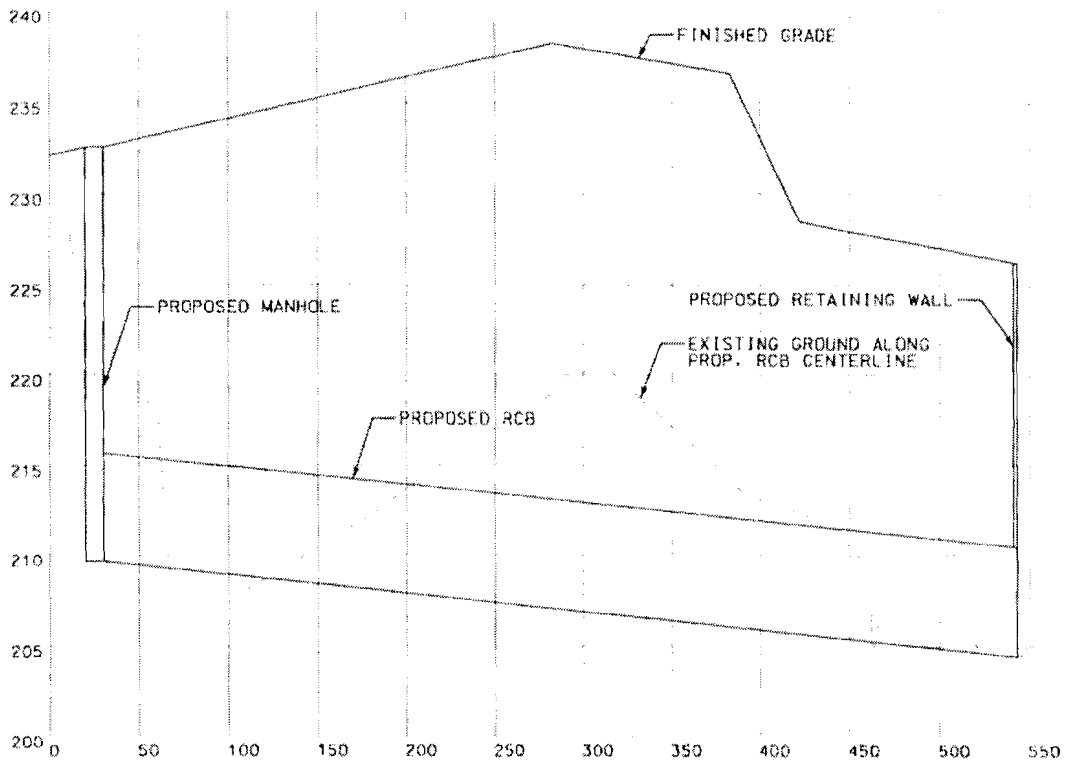
IN: TRIBUTARY TO NONCONNAH CREEK  
AT: SOUTH OF RIVERGATE ROAD IN  
CN JOHNSTON YARD  
COUNTY: SHELBY  
STATE: TENNESSEE

DATE: 05/26/06

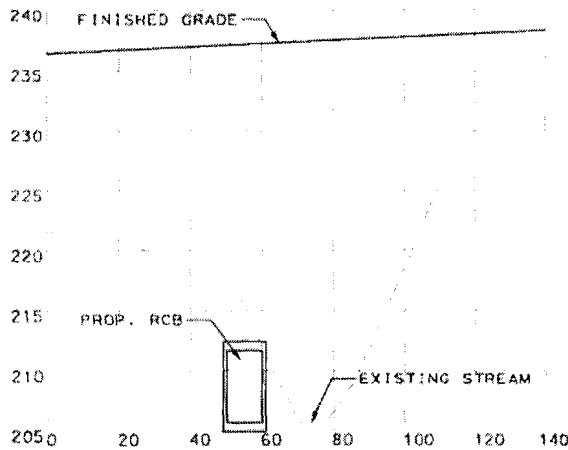
REVISED: / /

SHEET 1 OF 2

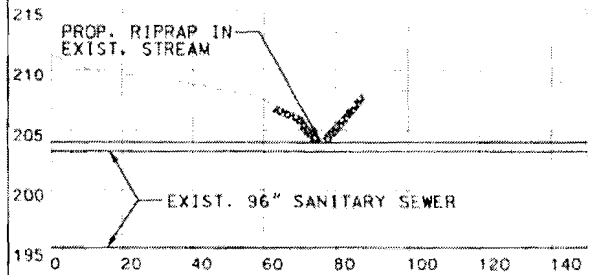
# Permit Sketch



SECTION A-A  
SCALE: 1" = 100' HORIZ.  
1" = 5' VERT.



SECTION B-B  
SCALE: 1" = 50' HORIZ.  
1" = 15' VERT.



SECTION C-C  
SCALE: 1" = 50' HORIZ.  
1" = 15' VERT.

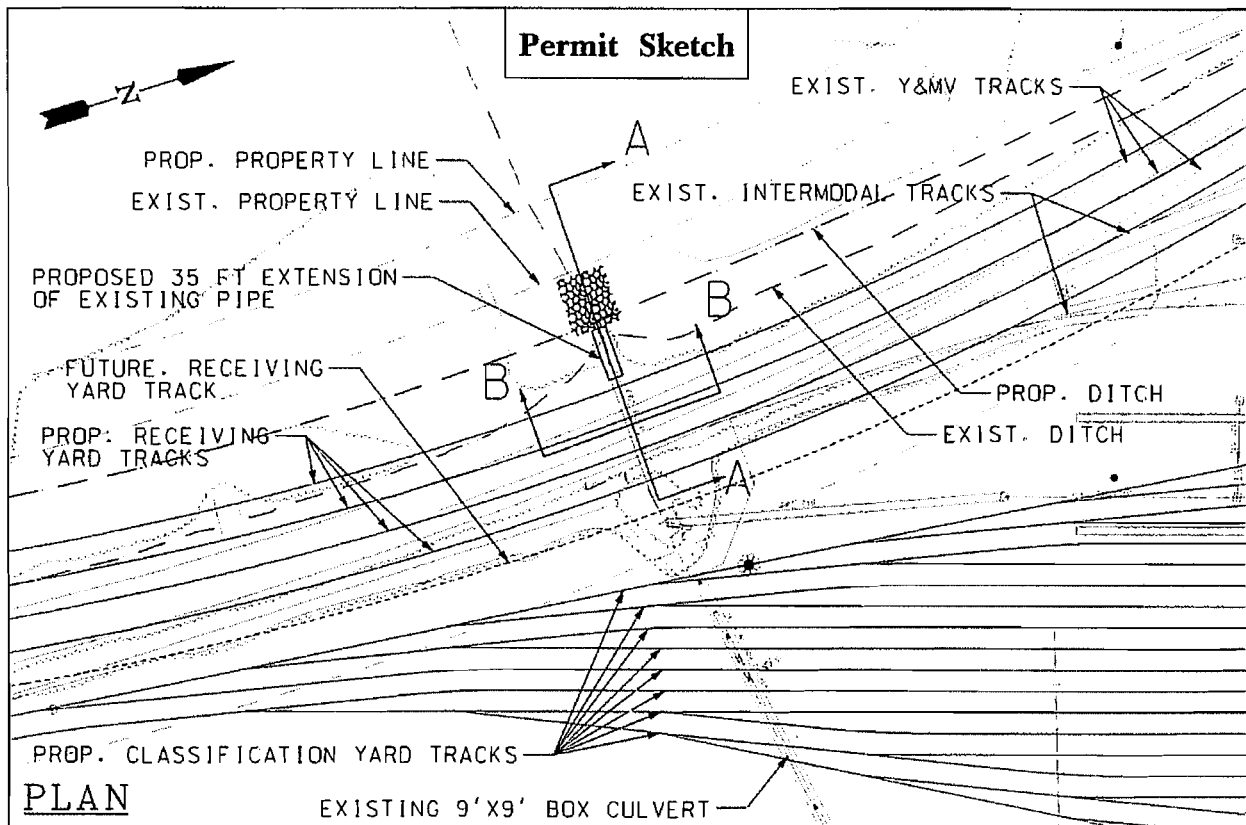
APPLICATION BY:  
CANADIAN NATIONAL RAILWAY

IN: TRIBUTARY TO NONCONNAH CREEK  
AT: SOUTH OF RIVERGATE ROAD IN  
CN JOHNSTON YARD  
COUNTY: SHELBY  
STATE: TENNESSEE

DATE: 05/26/06

REVISED:

SHEET 2 OF 2



**GRAPHIC SCALE**



— — STREAM

**PROPERTY OWNERS**

CN RAILROAD-JOHNSTON YARDS  
2921 HORN LAKE ROAD.  
MEMPHIS, TN 38109

**NOTES**

- ① EARTHEN FILL MATERIAL TO BE OBTAINED FROM EXCAVATION.
- ② THE DEPARTURE YARD TRACKS ARE APPROXIMATELY 24 FT ABOVE THE CHANNEL BOTTOM

**PROPOSED:**

STREAM IMPACTS	
LENGTH OF ENCAPSULATION	= 35 LF

**APPLICATION BY:**  
CANADIAN NATIONAL RAILWAY

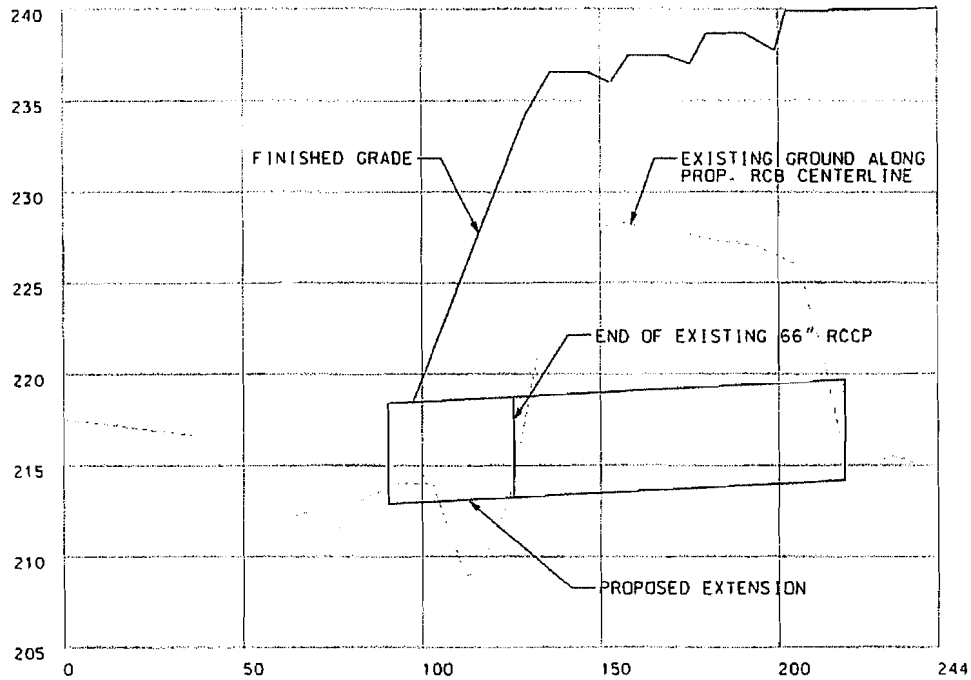
IN: TRIBUTARY TO LAKE MCKELLAR  
AT: SOUTH OF RIVERGATE ROAD IN  
CN JOHNSTON YARD  
COUNTY: SHELBY  
STATE: TENNESSEE

DATE: 06/07/06

REVISED: / /

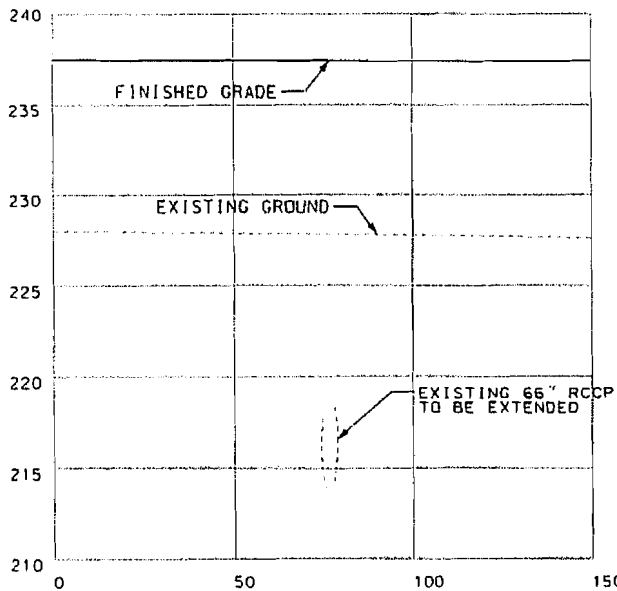
SHEET 1 OF 2

# Permit Sketch



## SECTION A-A

SCALE: 1" = 50' HORIZ.  
1" = 10' VERT.



## SECTION B-B

SCALE: 1" = 50' HORIZ.  
1" = 10' VERT.

APPLICATION BY:  
CANADIAN NATIONAL RAILWAY

IN: TRIBUTARY TO LAKE MCKELLAR  
AT: SOUTH OF RIVERGATE ROAD IN  
CN JOHNSTON YARD  
COUNTY: SHELBY  
STATE: TENNESSEE

DATE: 06/07/06

REVISED:

SHEET 2 OF 2



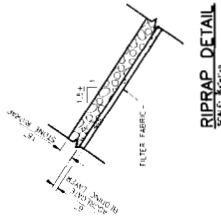


# LOW LINE CURVE DATA

PC STA. 201+16.13  
PT STA. 203+16.13  
TS STA. 203+16.13  
D P=57'-00"

## NOTES

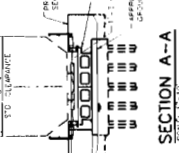
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10. ALL BRIDGE STRUCTURES SHALL BE DESIGNED AND CONSTRUCTED TO CARRY THE DESIGN LOADS AND SHALL BE DESIGNED TO CARRY THE DESIGN LOADS.



RIPRAP DETAIL  
SCALE 1/4"=1'-0"

## ELEVATION

SCALE 1/4"=1'-0"



SECTION A-A  
SCALE 1/4"=1'-0"

## SECTION B-B

SCALE 1/4"=1'-0"



SECTION B-B  
SCALE 1/4"=1'-0"

PRELIMINARY  
JUNE 15, 2006

SENIOR STRUCTURAL ENGINEER

No.	Date	Revised	By	For
1	06/15/06		YAZOO	WILL
2	06/15/06		YAZOO	WILL
3	06/15/06		YAZOO	WILL
4	06/15/06		YAZOO	WILL
5	06/15/06		YAZOO	WILL
6	06/15/06		YAZOO	WILL
7	06/15/06		YAZOO	WILL
8	06/15/06		YAZOO	WILL
9	06/15/06		YAZOO	WILL
10	06/15/06		YAZOO	WILL

BRIDGE LOW LINE  
NEAR MEMPHIS, TENNESSEE  
BRIDGE MODIFICATIONS  
GENERAL LAYOUT

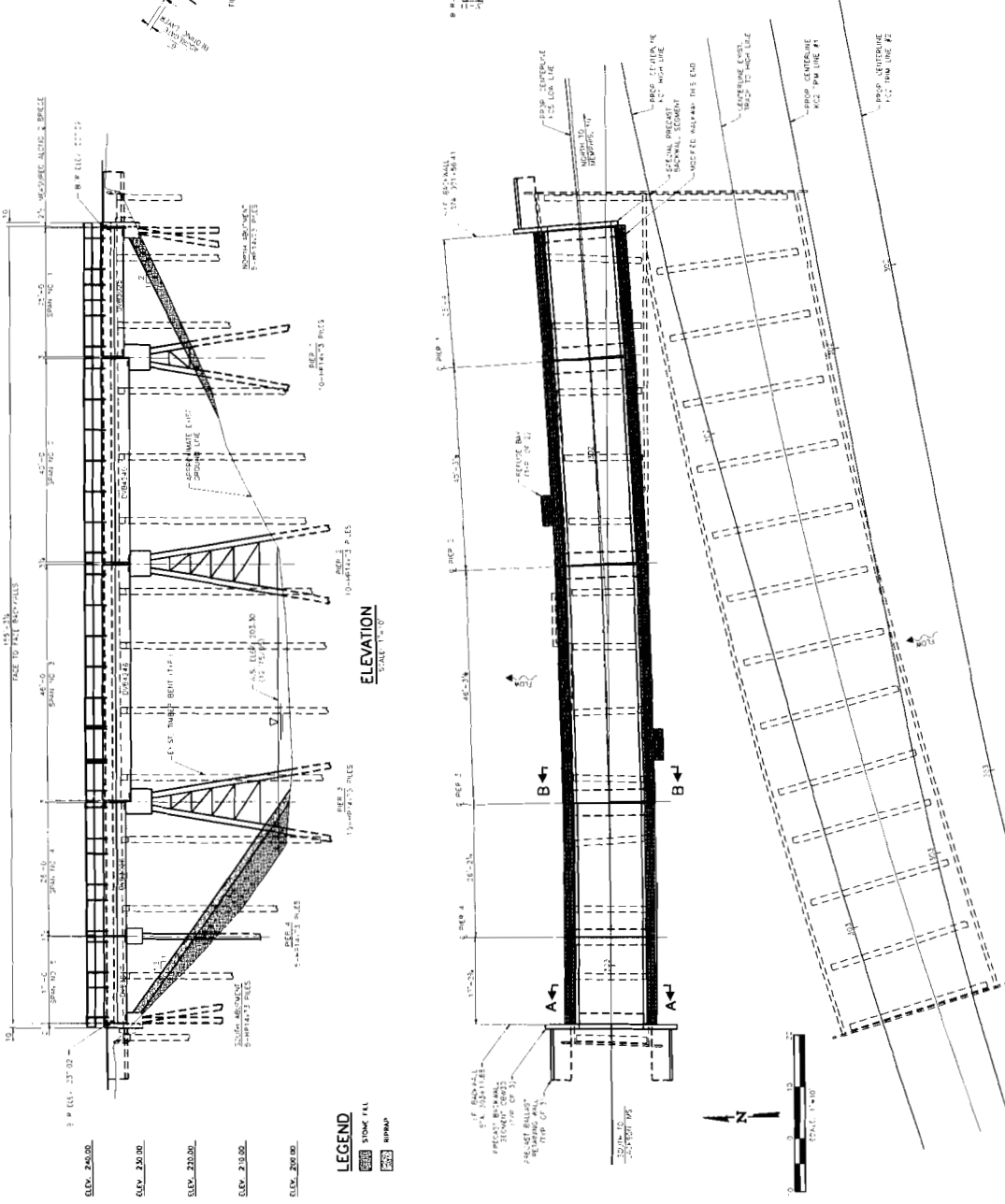
Drawn	Check	Verified	Approved	Noted	Date

Office of Chief Engineer  
Bureau de l'Ingénieur en chef

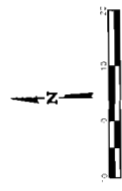
202



PLAN  
SCALE 1/4"=1'-0"



LEGEND  
STAKE  
RIPRAP





# CONSTRUCTION STAGING

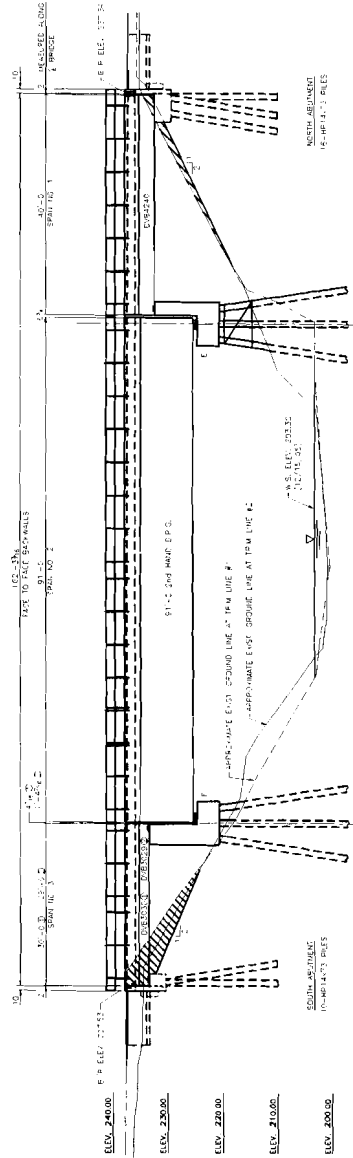
1. CONSTRUCT STAGE 1 SUPPORT OF THE HIGH BRIDGE AND COMPLETE TRIM LINE #1 TRUCK HIGH.
2. MOVE ONE INCH FROM EXISTING HIGH LINE BRIDGE TO NEW TRIM LINE #2.
3. REMOVE EXISTING HIGH LINE BRIDGE.
4. CONSTRUCT STAGE 2 SUPPORT OF NEW BRIDGE & TRUCK.

# NOTES

1. THE EXISTING TRUSS BRIDGE SHALL BE REPLACED WITH PRESTRESSED CONCRETE BOX GIRDER AND STEEL TRUSS BRIDGE. THE EXISTING TRUSS BRIDGE SHALL BE DEMOLISHED AND THE NEW BRIDGE SHALL BE CONSTRUCTED IN THE SAME LOCATION OF EXISTING TRUSS BRIDGE.
2. ALL DIMENSIONS TO BE SHOWN IN THE FIELD AND LOCATION OF EXISTING BRIDGE SHALL BE TO BE COMPLETED.
3. DESIGN LINE CORRESPONDING TO THE NEW BRIDGE SHALL BE TO BE COMPLETED.
4. THE NEW BRIDGE SHALL BE CONSTRUCTED IN THE SAME LOCATION OF EXISTING TRUSS BRIDGE.
5. THE NEW BRIDGE SHALL BE CONSTRUCTED IN THE SAME LOCATION OF EXISTING TRUSS BRIDGE.
6. THE NEW BRIDGE SHALL BE CONSTRUCTED IN THE SAME LOCATION OF EXISTING TRUSS BRIDGE.
7. THE NEW BRIDGE SHALL BE CONSTRUCTED IN THE SAME LOCATION OF EXISTING TRUSS BRIDGE.

# CURVE DATA

TRIM LINE #1	TRIM LINE #2
PC STA. 30+46.28	PC STA. 30+46.19
PT STA. 30+46.28	PT STA. 30+46.19
PI STA. 30+46.28	PI STA. 30+46.19
PC STA. 30+46.28	PC STA. 30+46.19
PT STA. 30+46.28	PT STA. 30+46.19
PI STA. 30+46.28	PI STA. 30+46.19
PC STA. 30+46.28	PC STA. 30+46.19
PT STA. 30+46.28	PT STA. 30+46.19
PI STA. 30+46.28	PI STA. 30+46.19



ELEVATION  
SCALE 1"=10'

ELEV. 240.00  
ELEV. 230.00

ELEV. 240.00  
ELEV. 230.00

ELEV. 240.00  
ELEV. 230.00

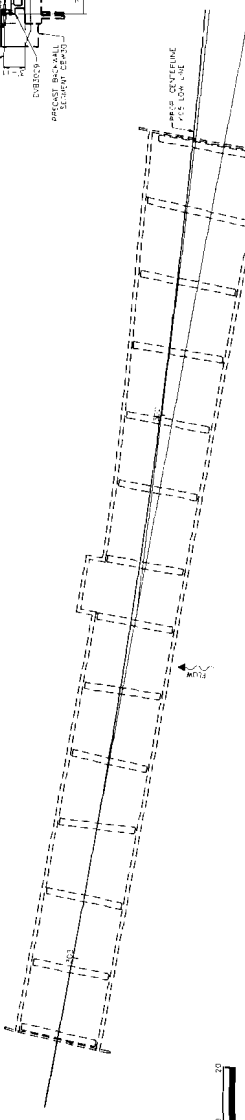
ELEV. 240.00  
ELEV. 230.00

ELEV. 240.00  
ELEV. 230.00

ELEV. 240.00  
ELEV. 230.00

# LEGEND

EXISTING BRIDGE  
PROPOSED BRIDGE  
TRIM LINE #1  
TRIM LINE #2  
CENTERLINE  
TRUCK HIGH  
ELEV. 240.00  
ELEV. 230.00



PLAN  
SCALE 1"=100'

SECTION A-A  
SCALE 1"=10'

SECTION B-B  
SCALE 1"=10'

SECTION C-C  
SCALE 1"=10'

SECTION D-D  
SCALE 1"=10'

SECTION E-E  
SCALE 1"=10'

SECTION F-F  
SCALE 1"=10'

SECTION G-G  
SCALE 1"=10'

SECTION H-H  
SCALE 1"=10'

SECTION I-I  
SCALE 1"=10'

SECTION J-J  
SCALE 1"=10'

PRELIMINARY  
JUNE 15, 2006

NO.	DATE	BY	CHKD.	APP'D.	REVISION
1	06/15/06	YACCOO			
2	06/15/06	YACCOO			
3	06/15/06	YACCOO			
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5	06/15/06	YACCOO			
6	06/15/06	YACCOO			
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204